
Update on the Climate Registry and Mandatory GHG Reporting Support for WA



The Climate Registry

**WA Advisory Committee Meeting
Seattle, Washington**

January 8, 2009

Presentation Outline

- TCR Overview and Update
- Update on Washington members
- TCR Regional Mandatory Reporting Support
 - Regional (WCI, other states)
 - Washington
- Common Framework Overview
- CRIS Demonstration
- Q&A Session

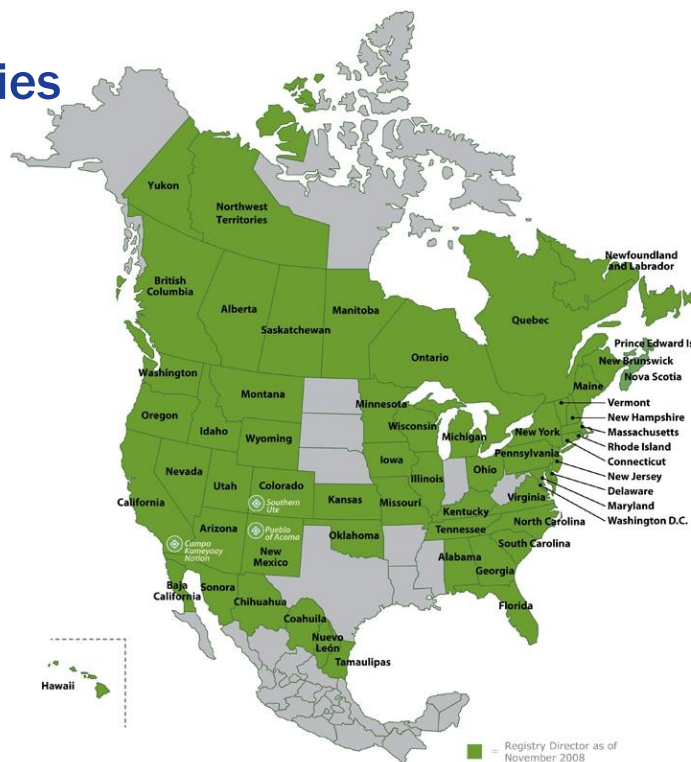


The Climate Registry

MISSION: To standardize and centralize high quality GHG data into a North American GHG registry to support voluntary and mandatory reporting programs

BOARD: 12 Canadian Provinces/Territories
40 U.S. States and D.C.
6 Mexican states
3 Native Sovereign Nations

MEMBERS: 305 Members/Reporters



The Registry's Voluntary Program

- Philosophy: “best practices” reporting
- Policy Neutral
- Based on international and state/provincial standards
- Reporting Requirements
 - All GHG emissions in North America
 - Entity-wide emissions at the facility-level
 - All six GHGs
 - All direct emissions and indirect emissions
 - ***Annual 3rd Party Verification***



Value to States/Tribes/Provinces

- Creates accounting infrastructure to support local GHG policies
- Cost effective—builds on what is established
- Opportunity to collaborate with other jurisdictions
- Gives you a stronger voice in establishing regional/national standards
- Helps companies to establish a baseline and demonstrate reductions



Benefits to Registry Members

- **You can't manage what you don't measure:**
 - Identify areas to improve energy efficiency
 - Increase inter-organizational communication
- **Understand the impact of your operations:**
 - Assess environmental liability and risk
 - Readiness for compliance with new regulations
 - Document early action
 - Provide information to public and stakeholders
- **Recognition as an environmental leader**
- **Seat at the table for policy development**
- **Expert Registry technical services:**
 - Access to software and member support



Who are the Members?



Drive one.



SALT LAKE CITY



Progress Energy

Kodak

nationalgrid



Qwest

Spirit of Service



The Climate Registry

Washington Members

15 Members Headquartered in Washington

- City of Seattle, WA
- Alcoa, Inc.
- ShoreBank Pacific
- Clark Public Utilities
- Sustainable Business Consulting
- GHG Accountants, L.L.C.
- Washington State Department of Ecology
- Public Utility District No. 1 of Clallam County
- Parametrix, Inc.
- Clark County, WA
- Port of Seattle
- Longview Fibre Paper and Packaging, Inc.
- Washington State Department of Transportation
- Seattle Steam Company
- Ameresco Inc. (Spokane Office)

Active Members with HQ Outside WA

- BPA
- Pacificorp



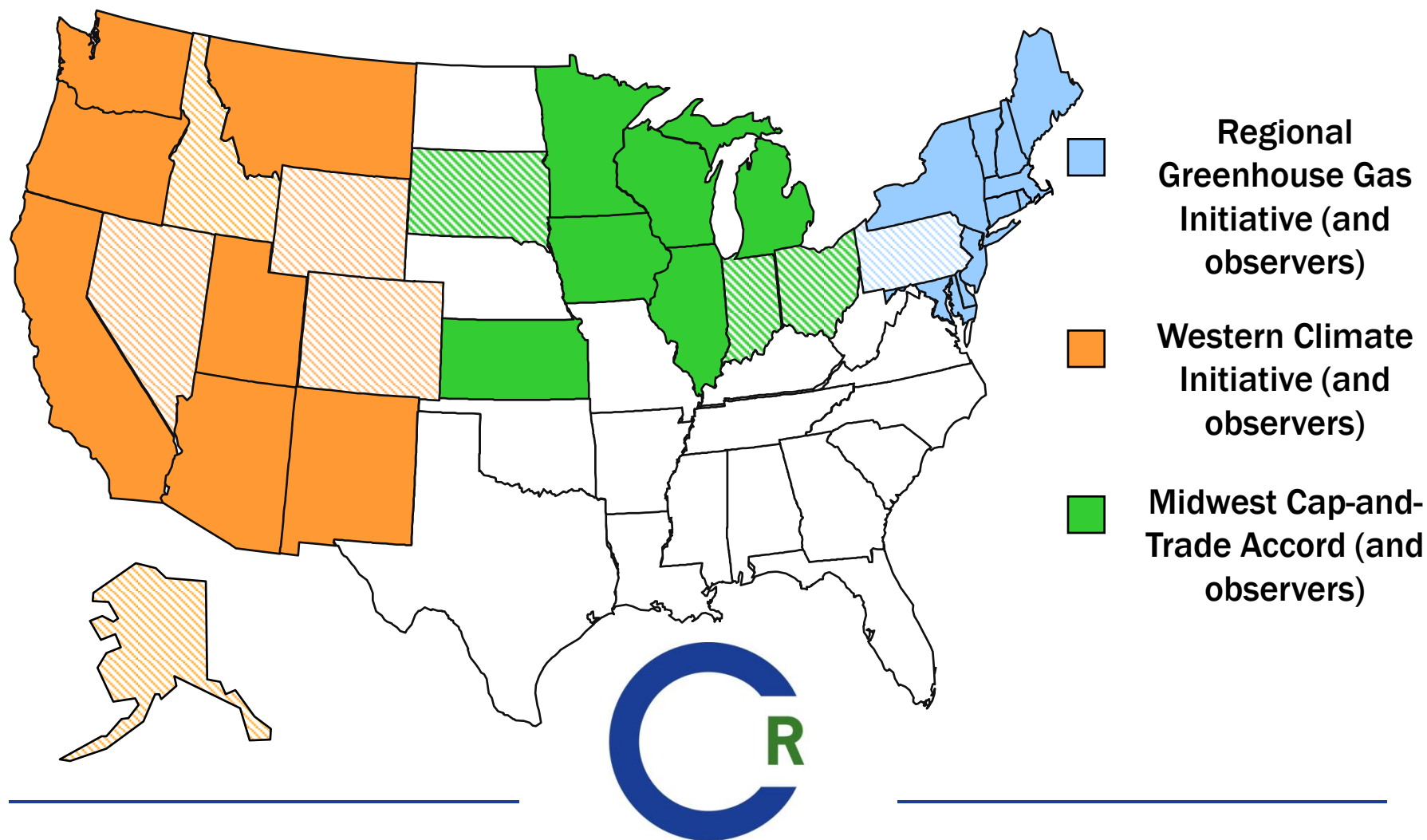
Mandatory State/Regional Reporting

- Many states/provinces are implementing mandatory reporting and working with the Registry
 - Requirements for mandatory programs will be determined by the states
 - Sources
 - Thresholds, etc
 - Scope 1 and/or 2 emissions
 - Reporting Infrastructure (Common Framework, Data Exchange)
 - Calculation Methodologies will be consistent



US State-based GHG trading is expanding

Large % of US in process of creating trading program



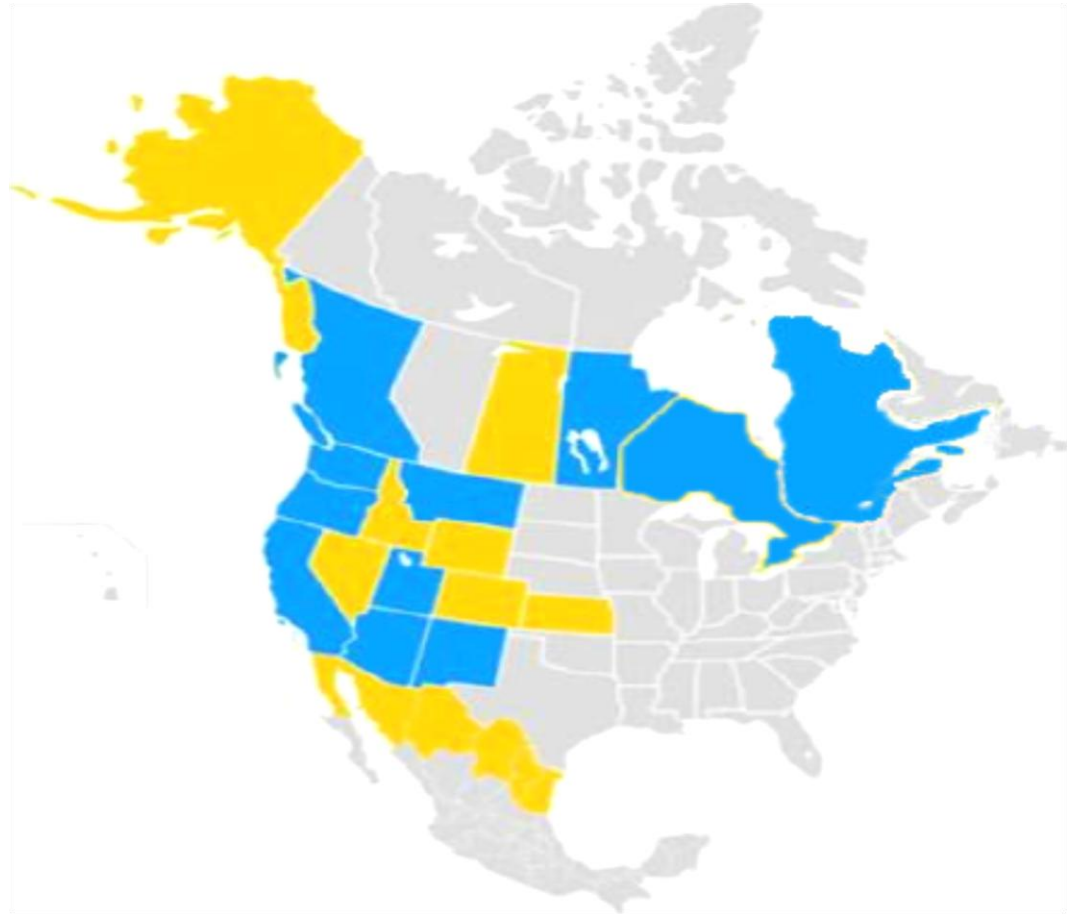
The Western Climate Initiative Partners

United States

- ☐ Arizona
- ☐ California
- ☐ Montana
- ☐ New Mexico
- ☐ Oregon
- ☐ Utah
- ☐ Washington

Canada

- ☐ British Columbia
- ☐ Manitoba
- ☐ Ontario
- ☐ Quebec



***All Partners are Board Members
of The Registry***



The Climate Registry

Design Recommendations

■ Flexible compliance

- Cap and trade
- Offsets
- Allowance banking (but no borrowing)
- Three year compliance periods
- Early reduction allowances

■ Allowance distribution

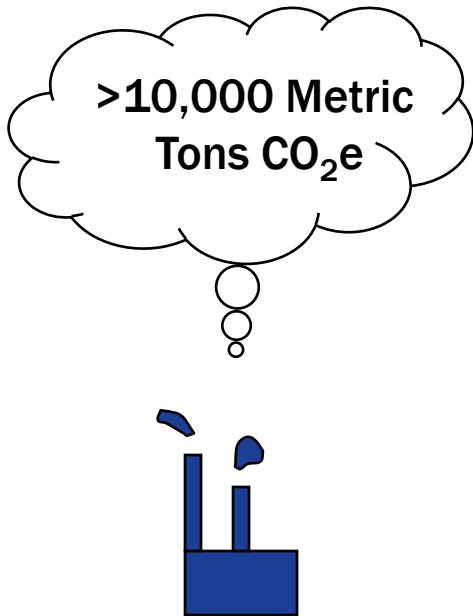
- Individual partner discretion
- Auctions



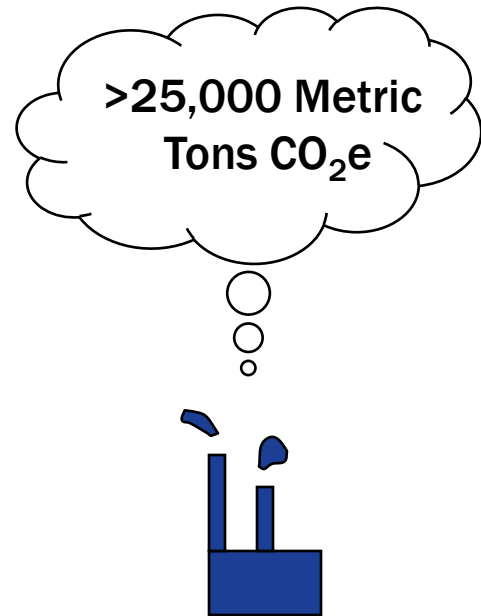
Reporting Recommendations

All stationary sources greater than 10,000 Metric tons required to report in WCI

- Annual Reporting
- All 6 GHG's
- Starting in 2010



- Annual Reporting
- All 6 GHG's
- Starting in 2010
- 3rd Party Verification**



Reporting Recommendations

- Sectors to include in Cap and Trade
 - Electricity generation, including emissions from electricity generated outside the WCI
 - Combustion at industrial and commercial facilities
 - Industrial process emission sources
- Transportation, residential and commercial fuel combustion to be addressed in 2nd compliance period in 2015



Next Steps

- **Mandatory reporting**

- **Finalizing Essential Requirements for Mandatory Reporting (12/08 DRAFT)**

- **1st year of reporting likely 2010 (report in 2011)**

- **Continued program development**

- **Implementation**

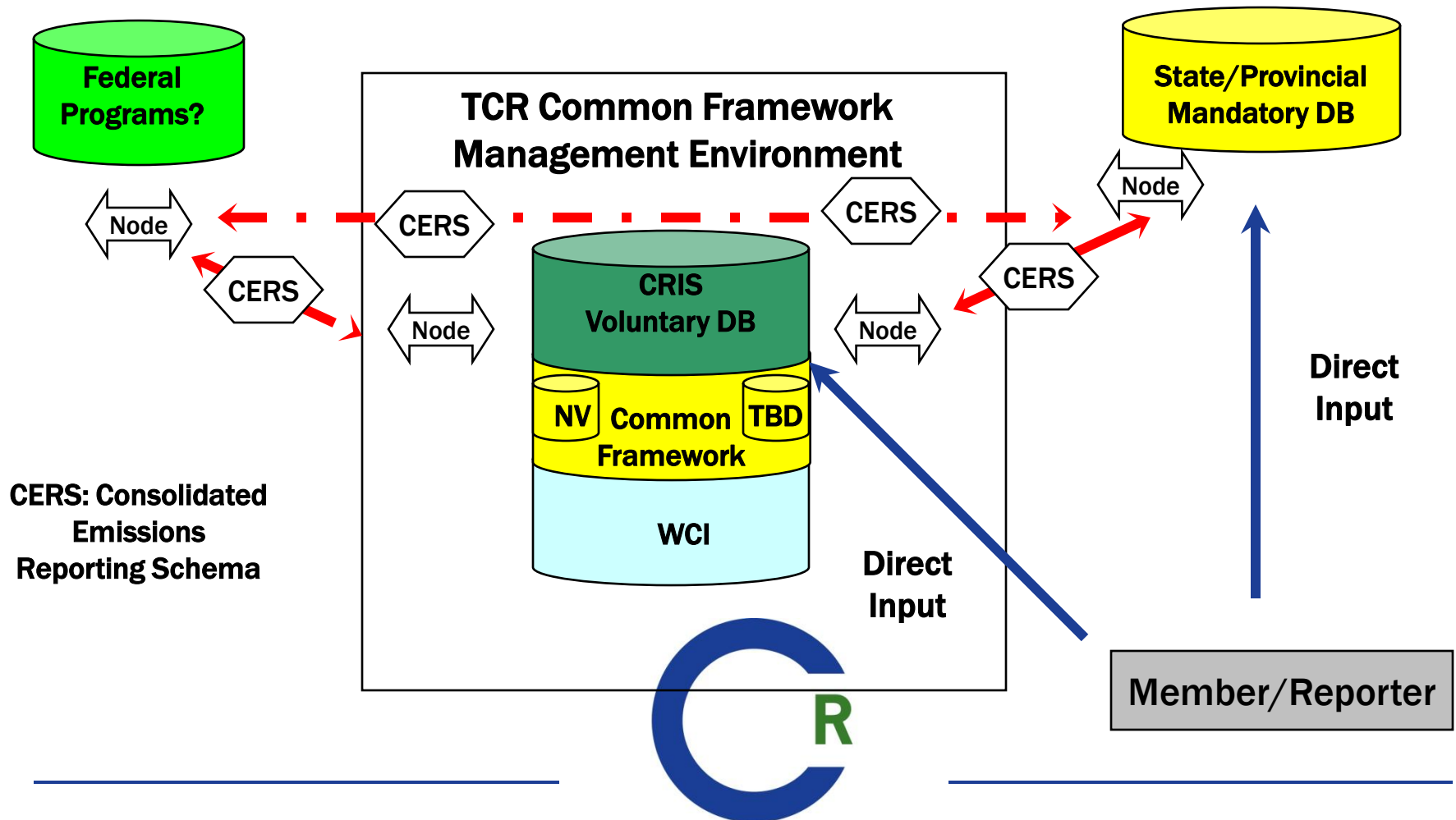
- **Stakeholders**

- **Authority**

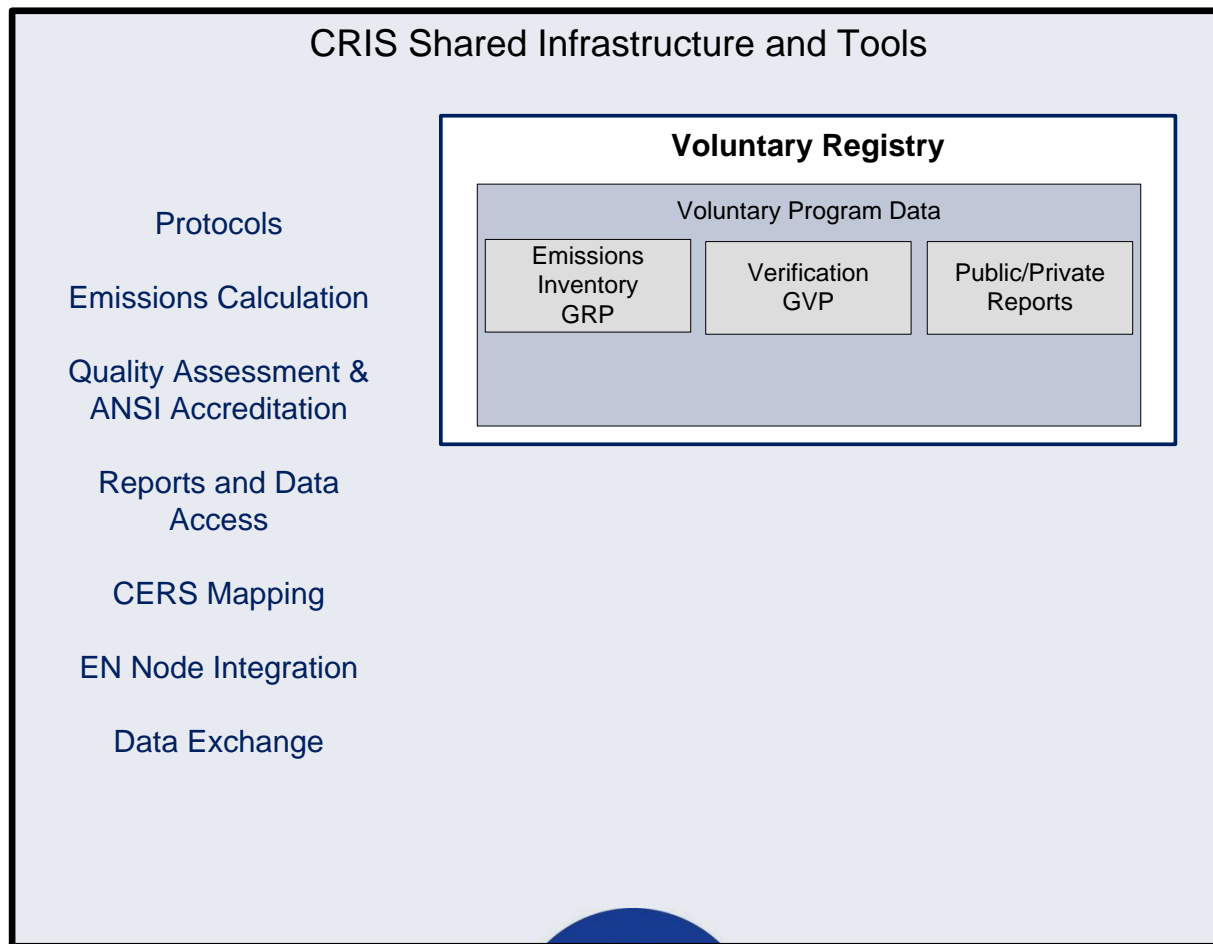


Integration with Jurisdictional and Federal Programs

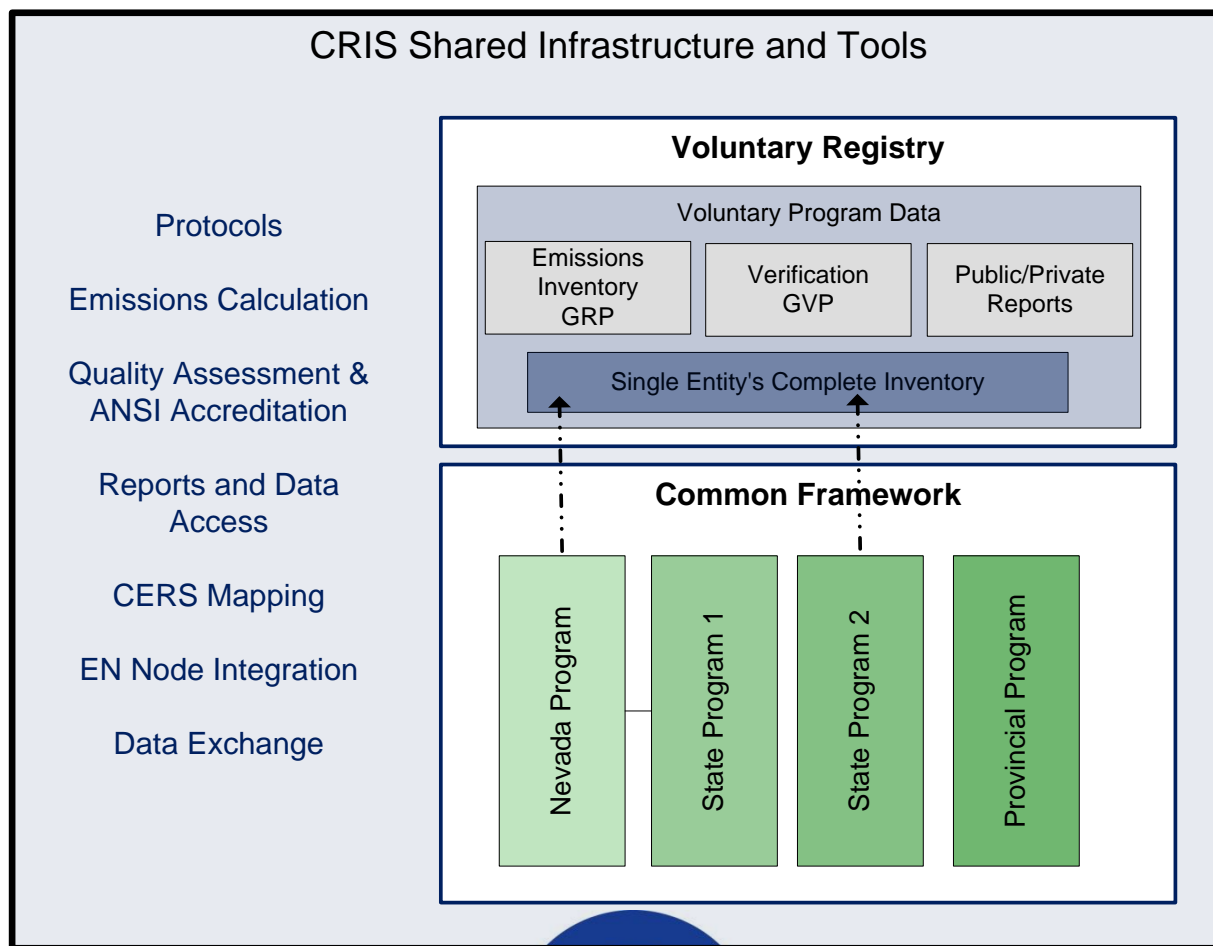
Working with Federal, State, and Regional Programs



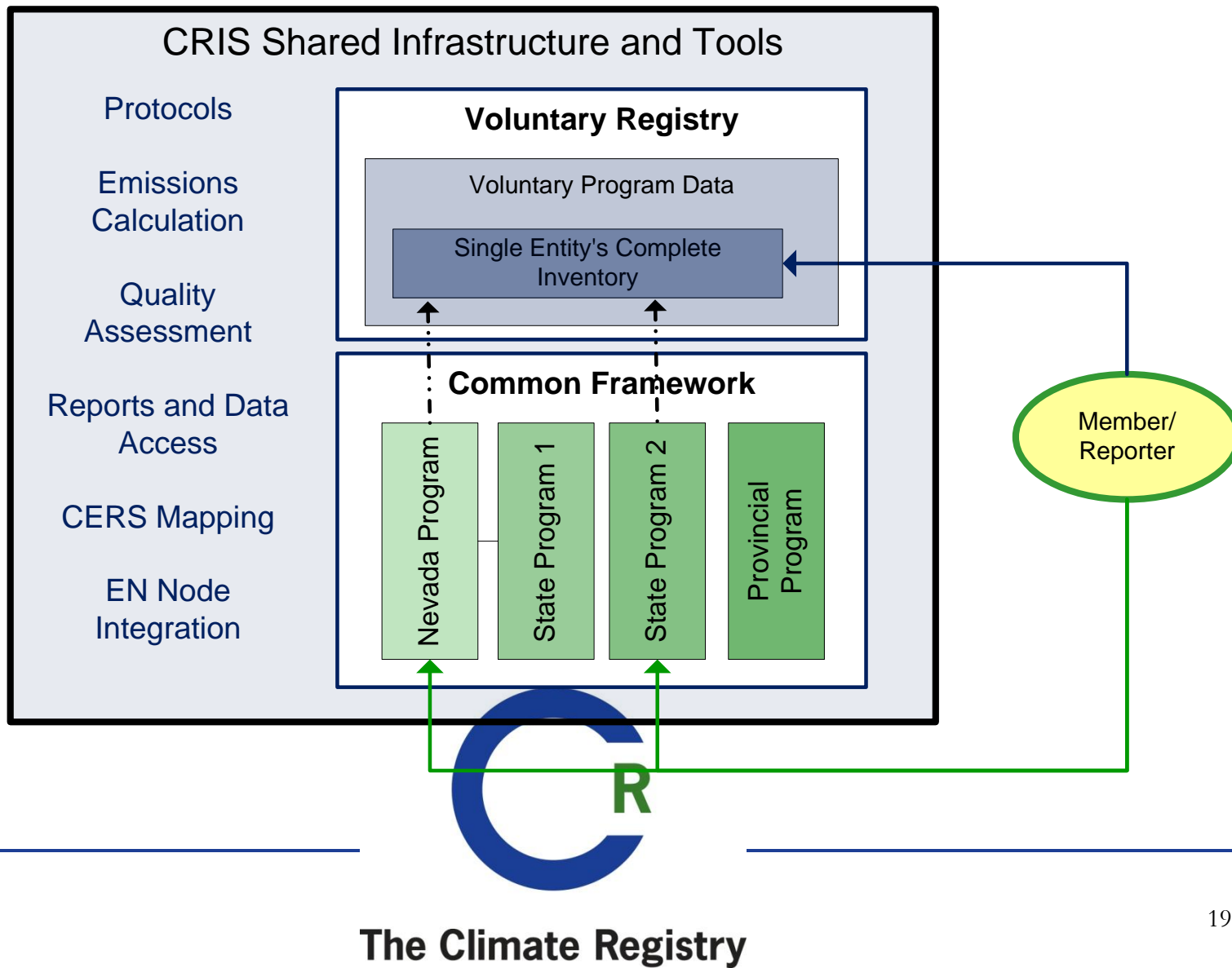
CRIS – Climate Registry Information Systems



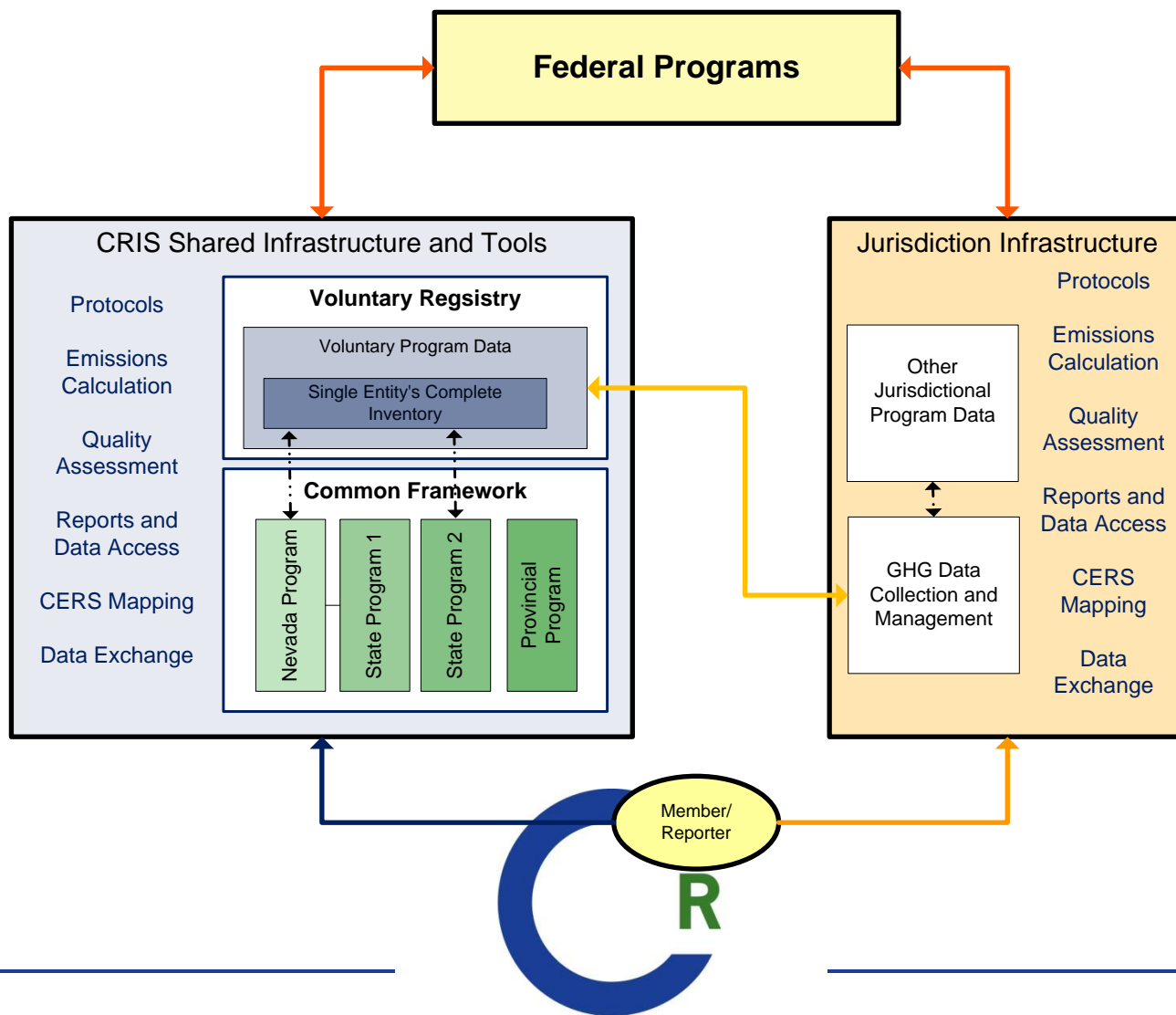
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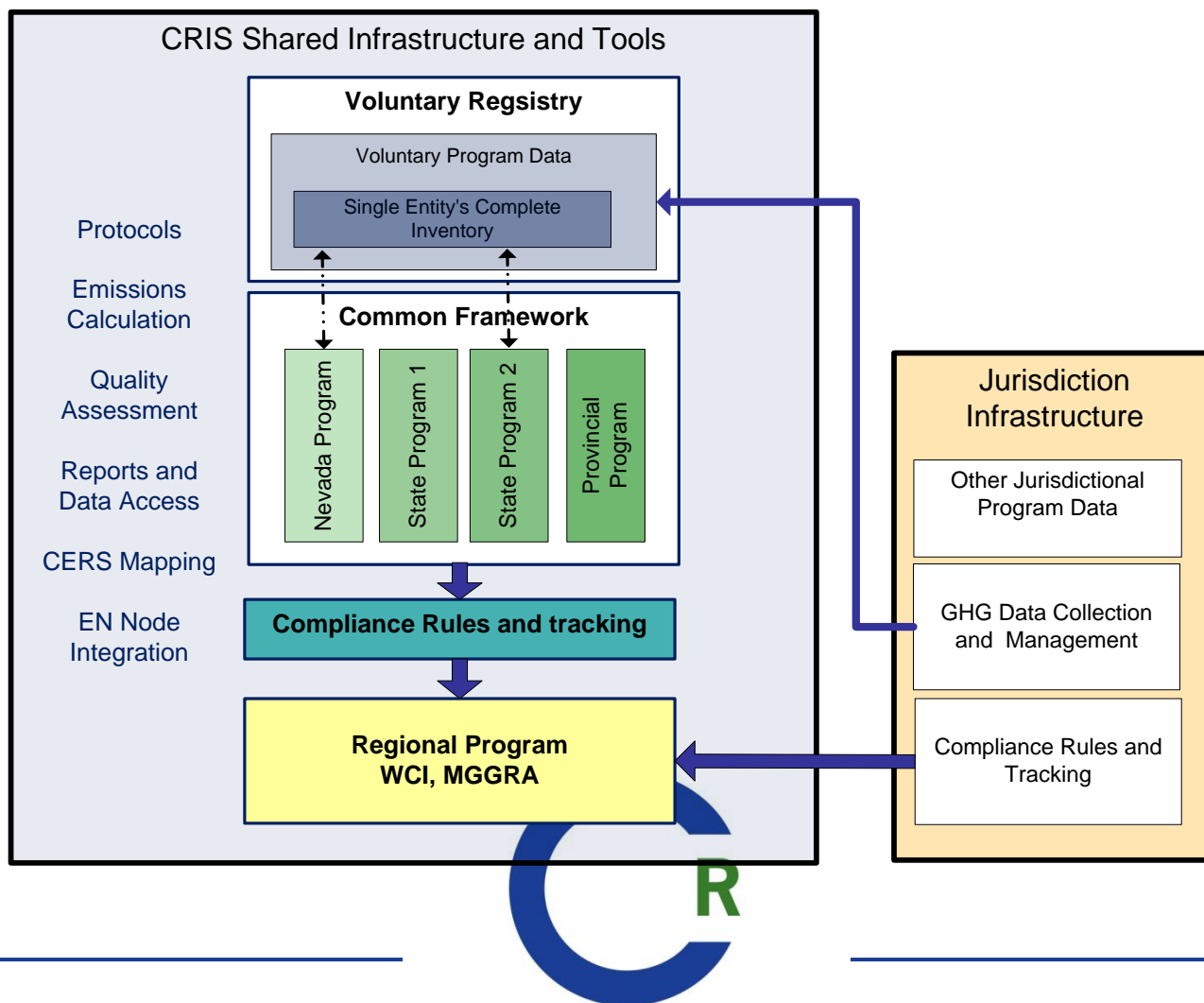
Scenario 1: Reporting to both Voluntary and Mandatory Programs using CRIS



Scenario 2: Data Exchange between The Climate Registry, State and Federal Mandatory Programs



Scenario 3: State and Regional Mandatory GHG and Cap & Trade Programs



US Mandatory Federal Reporting

- New federal mandatory reporting law:
 - Includes all sectors of economy
 - First reporting year likely 2011 (maybe 2010)
 - EPA missed 1st deadline in Sept 08
- What does this mean?
 - Title V sources will likely be reporting emissions
 - Get engaged in the process now
 - Climate Registry likely to strongly inform federal process
 - Know and understand your GHG footprint



Why report to the Voluntary Program?

- Establish and protect baselines – manage risk
- Document early action
- Practice makes perfect
- Assess future policy impacts
- Affect future policy path
- Find cost effective reductions
- Provide confidence in the carbon footprint given to investors, employees, management
- Environmental leadership



Demo: Reporting Your GHG Emissions Using CRIS



Overview of Process

1. Set-up – once

1. **Users-** alternate administrators, reviewers, lead verifiers and facility administrators
2. **Facility Information** [Location, Scope (direct, indirect, process, fugitive, biogenic, etc.), NAICS code]
3. **Sources-** (equipment and fuel)

2. Emissions Reporting - annual

- Enter emissions data (ie. tons of CH₄, MW's electricity, etc.)

CRIS will create a template so information can be entered annually.



Reports Show:

- Emissions by Scope
 - Direct – stationary, mobile, process, fugitive
 - Indirect – purchased : electricity, heating, cooling, steam
 - Biogenic- stationary, mobile
 - Scope 3
- All 6 gasses and CO₂e
- Methodology Accuracy Tiers
- Documents uploaded



General Tips

- Have your GRP handy
- Know facility information prior to working in CRIS:
 - Facility address
 - Facility category (fleet, commercial building, aggregate, stationary source)
 - Geographic category (within a state/province, national, etc.)
 - Equipment type (type of boilers, etc.)
 - *CRIS worksheet can help!*
- Most navigation is at the page bottom:
 - If in doubt... scroll down to the bottom of the page
- Save often
- If you see a “Continue” button... use that!
 - Back = Continue



Overview of CRIS – Considerations

- Demo of Version 1.0 today
- Version 1.1 currently under development/testing
 - Enhanced calculators
 - More robust help features
 - Introduction in Q1
 - Anticipate 3 waves of updates by 2010
- Bulk upload capabilities in Q2/Q3
 - Instructions and process
 - White paper



For More Information:

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